

REMARKS

Applicant has corrected the informality in the Abstract, obviating the objection thereto.

Applicant has amended claims 1 and 20 to more clearly recite the features of the invention. Applicant respectfully traverses the 35 U.S.C. § 102(a) rejection of claims 1, 20, and dependent claims over JP '703 (Shigeki).

In the broadcast receiving device of the present invention, among other things, topic display is set separately for each genre according to a value of displaying each topic information, and the topic information are displayed in accordance with the priority. In so doing, a display priority ranking table defining priority ranking related to display of a plurality of topics is stored separately for each genre.

In contrast, Shigeki discloses a broadcast receiving device wherein in a memory means S1 (service information) data in accordance with the interests of a viewer are stored while being arranged in program categories, and, within each program category, program names are stored in an order of viewing priority (as described in paragraphs 0016 and 0017 of Shigeki). Fig. 2(a) of Shigeki shows an example order of viewing priority, in which the sports program category is first and the movie program category is second. Each of Figs. 2(b) and 2(c) of Shigeki illustrates an example order of viewing priority with a program category. Within the sports program category, baseball programs are first, soccer programs are second, and golf programs are third in the order. Within the movie program category, cowboy movies are first, musical movies are second, and so on.

In order to overcome the drawback that a program name often does not sufficiently provide information of the program content to the viewer, Shigeki discloses

allowing the processing means to perform display on the display device as shown in Fig. 3 and described in paragraphs 0019-0022. That is, as shown in Fig. 3, the display 51 of a baseball program, which is the highest in the viewing priority within the “sports program category” having the highest viewing priority among a number of categories, is indicated in the center of the television screen 50. In the upper left region V of the screen, the display 52 of a soccer program, the display 53 of a golf program, and the like, which are the programs in the “sports program category,” are indicated in the order of viewing priority using a smaller display area for lower priority. Similarly, programs in the “movie program category” are shown in the display region W, while programs in the “music program category” are shown in the display region X, each using a display area in accordance with its display priority. Partition lines are provided separating between the display regions V, W, X, and so on. In this manner, the order of priority among the programs and the category classification of each program can be easily distinguished, allowing the viewer to readily understand the contents of the programs.

As described above, Shigeki discloses an order of viewing priority among programs, classification of programs into categories, and an order of viewing priority among the categories. However, Shigeki does not disclose the feature of claims 1 and 20 of the present application, of “storing, separately for each genre, a priority ranking table defining priority ranking related to display of a plurality of topics.” For example, as shown in Fig. 21 of the present specification, a display priority ranking table according to the present invention includes multiple types of topic information related to explanation of broadcast contents, such as title, cast, director, and scriptwriter for the genre of movies, and those topic information are stored while being arranged according to the

order of display priority for that genre. In Shigeki, in contrast, simply the programs are arranged in an order of viewing priority within a category such as the “movie program category.”

Shigeki does not disclose arranging multiple types of topic information related to broadcast contents according to the order of display priority for each genre. The storage device of Shigeki does not store “a priority ranking table, separately provided for each genre, defining priority ranking related to display of a plurality of topics, as set forth, e.g., in claims 1 and 20. The processing means of Shigeki does not display a plurality of topic information separately for each genre according to priority ranking defined in a priority ranking table. For at least these reasons, Shigeki cannot anticipate any of the present claims under § 102(a).

Applicant also traverses the various 35 U.S.C. § 103(a) rejection of claims over Shigeki in view of various secondary references, e.g., Herz, Wehmeyer, Ryan, Watanabe, or Shiga.

As set forth, e.g., in claims 6 and 21, a broadcast receiving device includes a display processing means including a search processing means. The search processing means automatically extracts from the supplementary information a search keyword used for a program search, and displays on the display means a program search screen image including the extracted search keyword.

Shigeki does not disclose keyword searching, and hence, standing alone, cannot suggest claims 6 or 21, or their dependent claims. Wehmeyer discloses a keyword search, but it is in response to input from a keyboard or the like, of a word or item subjectively selected as indicating a characteristic feature of the desired program; and

not automatic extraction from supplementary information or search keyword, or display or a display means a program search screen image including the extracted keyword.

None of Herz, Ryan, Watanabe, or Shiga provide the teaching missing from Shigeki and Wehmeyer. These references, viewed alone or in any possible combination, are incapable of rendering obvious any of claims 6-11, 16-19, 21, or 23; and the § 103(a) rejections are unsupportable.


In view of the foregoing amendments and remarks, Applicant respectfully requests reconsideration of this application, withdrawal of the rejections and the timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

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Attachments: Abstract